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2635 North First St. Suite 223  
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<b>Date:</b>	<b>January 10, 2005</b>	<b>Fax:</b>	<b>703-872-9306</b>
<b>To:</b>	<b>U.S. Patent and Trademark Office</b>	<b>Phone:</b>	

**Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**

<b>From:</b>	<b>Carmen C. Cook</b>
<b>Serial No.:</b>	<b>09/872,059</b>
<b>Docket:</b>	<b>6024-003 (LSC-P003)</b>
<b>Re:</b>	<b>Response to Office Action</b>
<b>Pages:</b>	<b>10 (including cover sheet)</b>

**Message:**

Re: Applicant(s): Lin Yang, Ke Gong, Zhi-Xing Yang  
Assignee: Legend Silicon Corporation  
Title: Pseudo-Random Sequence Padding In An OFDM  
Modulation System  
Serial No.: 09/872,059  
Examiner: Ian N. Moore  
Docket No.: 6024-003  
(LSC-P003)

Filed: June 1, 2001  
Group Art Unit: 2661

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (8 pages).

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Brian D. Ogonowsky

Carmen C. Cook

David C. Hsia

Rachel V. Leiterman

January 10, 2005

Via Facsimile

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Re: Applicant(s): Lin Yang, Ke Gong, Zhi-Xing Yang  
 Assignee: Legend Silicon Corporation  
 Title: Pseudo-Random Sequence Padding In An OFDM Modulation System  
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No additional fee is required.



The fee has been calculated as shown below:

	<u>Claims Remaining After Amendment</u>		<u>Highest No. Previously Paid For</u>		<u>Present Extra</u>	<u>Rate</u>	<u>Additional Fee</u>
Total Claims	10	Minus	20	=	0	x \$25	\$ 0.00
Independent Claims	2	Minus	3	=	0	x \$100	\$ 0.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application						\$
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.						
<input type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of						0.00
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.						
						Total:	\$ 0.00

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I hereby certify that this paper is being facsimile transmitted to the  
 U.S. Patent and Trademark Office on the date shown below.

Carmen C. Cook 1/10/05  
 Signature Date

Respectfully submitted,

Carmen C. Cook  
 Attorney for Applicant(s)  
 Reg. No. 42,433

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED  
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Applicant: Lin Yang, Ke Gong, Zhi-Xing Yang  
Assignee: Legend Silicon Corporation  
Title: Pseudo-Random Sequence Padding In An OFDM Modulation System  
Serial No.: 09/872,059 Filing Date: June 1, 2001  
Examiner: Ian N. Moore Group Art Unit: 2661  
Docket No.: 6024-003  
(LSC-P003)

San Jose, California  
January 10, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed October 28, 2004, Applicant submits the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 7 of this paper.

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